STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: International Business Machines Corporation Application No./Patent No.: 09/972,310 Filed/Issue Date: October 5, 2001 Entitled: STORAGE AREA NETWORK METHODS AND APPARATUS WITH EVENT NOTIFICATION CONFLICT RESOLUTION International Business Machines Corporation Corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012817, Frame 0755, or for which a copy thereof is attached.

OR

 From 		To:
	The document was recorded in the United Stat	es Patent and Trademark Office at
	Reel, Frame	, or for which a copy thereof is attached.
2. From		То:
	The document was recorded in the United Stat	es Patent and Trademark Office at
	Reel, Frame	, or for which a copy thereof is attached.
3. From		То:
	The document was recorded in the United Stat	es Patent and Trademark Office at
	Reel, Frame	, or for which a copy thereof is attached.
П	Additional documents in the chain of title are I	isted on a supplemental sheet

Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:	Ja : 1 1 1 1 1 1 1 1	Date:	11 02 15
Name	Lynne D. Anderson	Telephone Number	703-299-1455
Title	Program Manager - U.S. Patent and Trademark Office Liaison		

LETTER OF AUTHORITY

l, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or regionof the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney, authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing, reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government, and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson. Program Manager, Patent Office Liaison.

Gerald Rosenthal

Vice President, Intellectual Property & Licensing International Business Machines Corporation



JUNE 21, 2002

PTAS

Chief Information Officer Washington, DC 20231 www.uspto.gov

NUTTER, MCCLENNEN & FISH DAVID J. POWSNER ONE INTERNATIONAL PLACE BOSTON, MA 02110-2699



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATERIT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BRIOW.

PLEASE REVIEW ALL IMPORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECOPDATION MOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTRACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE, TO MAY PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CC-4, 1213 JEFFERSON DAVIS HWY, SULTE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/16/2002

REEL/FRAME: 012817/0755 NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AXBERG, GARY THOMAS

DOC DATE: 01/10/2002

ASSTENOR -

HEITMAN, ALLEN RÖBERT

DOC DATE: 01/10/2002

ASSIGNOR:

KNIGHT, GREGORY JOHN

DOC DATE: 12/15/2001

ASSIGNOR:

MERPACH, DAVID LYNN

DOC DATE: 01/10/2002

ASSIGNOR:

YONKER, WILLIAM ROY

DOC DATE: 12/17/2001

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION NEW ORCHARD ROAD ARMONK, NEW YORK 10504 012817/0755 PAGE 2

SERIAL NUMBER: 09972310

PATENT NUMBER:

FILING DATE: 10/04/2001

ISSUE DATE:

KIMBERLY WHITE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS FORM PTO-1619A Expres 06/30/90 OMB 0651 0027

04-26-2002

RECORDATION FORM COVER SHEE.

102068542

TO: The Commissioner of But	PATENTS ONLY
Submission Type	and Trademarks: Please record the attached original document(s) or copy(ies).
× New 4	and Trademarks: Please record the attached original document(s) or copy(ies). Conveyance Type X Assignment Security Agreement
Resubmission (Non-Recordat	ion) License Change of Name
Correction of PTO Error Reel # Frame #	Merger Other
Corrective Document Reel # Frame #	U.S. Government (For Use ONLY by U.S. Government Agencies) Departmental File Secret File
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date
Name (line 1) Gary Thomas Axbe	Month Day Yes erg 01102002
Name (line 2)	
Second Party Name (line 1) Allen Robert Heitma	Execution Date Month Day Ye
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) International Busine	ess Machines Corporation If document to be rec
Name (line 2)	is an assignment and and receiving party is not domicited in the United States, an appointment States, an appointment of the states of the sta
Address (line 1) New Orchard Road	of a domestic representative is atta: (Designation must be
Address (line 2)	separate document fr Assignment.)
Address (line 3) Armonk	New York 10504 State/Country Zip Code
Domestic Representative Na	ame and Address Enter for the first Receiving Party only.
Name	
Address (line 1)	
Address (tine 2)	
Address (line 3)	
Address (line 4)	
DE LMUELLER 00000122 09972310	FOR OFFICE USE ONLY

19.7 side 8 Bit Ultics of Information and Recycleton Makes, Ollics and Measurement and Budgist, Propresents Reduction Project (651-16227), Whitelengen, O.C. 27051. Sec OMM.

Makes Collection English Techniques (1987) "Times and International Assignment Profession Do NOT SEDIO RECORDST TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheel(5) information to:

Commissionery of Patients and Trademants, Book Assignments, Washington, D.C. 2023.1

FORM PTO-1619B 61-paras 067-0029 OND 0631-0022	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	617-439-2717
Name David J. Powsner		
Address (line 1) Nutter, McClennen & Fish.		
Address (iine 2) One International Place		
Address (line 3) Boston, MA 02110-2699		
Address (line 4)		
Pages Enter the total number of pagincluding any attachments.	ges of the attached conveyance docume	ent # 2
Application Number(s) or Patent Num	ber(s) Mark if ac	Iditional numbers attached
Enter either the Patent Application Number or the Pa		
Patent Application Number(s)	Patent	Number(s)
09972310		
If this document is being filed together with a new Paten signed by the first named executing inventor.	t Application, enter the date the patent application	was Month Day Year
Patent Cooperation Treaty (PCT)		
* * *	PCT PCT	PCT
Enter PCT application number only if a U.S. Application Number		
has not been assigned.	PCT PCT	PCT
Number of Properties	Г	
Enter the total	number of properties involved. #	1
Fee Amount Fee Amount fo	or Properties Listed (37 CFR 3.41): \$	40.00
Method of Payment: Enclos Deposit Account	sed X Deposit Account	
(Enter for payment by deposit account or if additi		
		141449
AL	thorization to charge additional fees:	Yes X No
Statement and Signature		
To the best of my knowledge and beli-	ef, the foregoing information is true and	d correct and any
attached copy is a true copy of the ori	ginal document. Charges to deposit ac	count are authorized, as
indicated herein.		
David J. Powsner	17/	46/2.
Name of Person Signing	Signature	Date

FORM PTO-1619C Expres 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Party(ies) Mark if additional names of conveying parties attached	
Enter additional Conveying Parties	Execution Date Month Day Year
Name (line 1) Gregory John Knight	12152001
Name (line 2)	Execution Date Month Day Year
Name (line 1) David Lynn Merbach	01102002
Name (line 2)	Execution Date Month Day Year
Name (line 1) William Roy Yonker	12172001
Name (line 2)	
Receiving Party(ies) Mark if additional names of receiving parti	es attached
Enter additional Receiving Party(ies)	
Name (line 1)	If document to be recorded is an assignment and the
Name (line 2)	receiving party is not domiciled in the United States, an appointment
Address (line 1)	of a domestic representative is attached. (Designation must be a separate
Address (line 2)	document from Assignment.)
Address (line 3) City State/Country Zip Coc	de
Name (line 1)	If document to be recorded is an assignment and the
Name (line 2)	receiving party is not domiciled in the United States, an appointment of a
Address (line 1)	domestic representative is attached. (Designation must be a separate document from
Address (line 2)	Assignment.)
Address (line 3) City State/Country Zip C	ode
Application Number(s) or Patent Number(s) Mark if additional numbers attached	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sa	me property).
Patent Application Number(s) Patent Numb	er(s)

ASSIGNMENT

here		

(1) Gary Thomas Axberg of 1709 Ivory Avenue N., Lake Elmo, County of Washington and State of Minnesotu, and (2) Allen Robert Heinman of 40 Sandy Point Court NE, Rochester, County of Olmsted and State of Minnesota, and (3) Gregory John Knight of 2724 91st Crescent N, Brooklyn Park, County of Hennepin and State of Minnesota, and (3) Gregory John Knight of 3426–30th. Ave N.W., Rochester, 16 18 * 2 1 * 1 Ave NE , Rackes to MN 5590; and (4) David Lynn Methyach of 3426–30th. Ave N.W., Rochester, 16 18 * 2 1 * 1 Ave NE , Rackes to MN 5590; and (5) William Roy Yorker of 11235 11th Avenue N.E., Rochester, County of Olmsted and State of Minnesota, and (5) William Roy Yorker of 11235 11th Avenue N.E., Rochester, County of Olmsted and State of Minnesota, and (5) William Roy Yorker of Minnesota, and (6) William Roy Yo

have invented certain improvements in

STORAGE AREA NET WORK METHODS AND APPARATUS WITH EVENT NOTIFICATION CONFLICT RESOLUTION

 and executed, respectively, a United States patent application therefor on
 2002

 (1) Jan. 10
 2002
 2002

 2002
 2004
 2001

 (5) Dec. 17
 2001
 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereimafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor,

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigned, the entire right, tile and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent IBM may apply for foreign Letters Patent and inventions set for the said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed Signature Inventor (2) at Rochester, inn Signature Allen Robert Heitman Inventor 1-10 ,2003 Signature Inventor Regory John Knight (4) at Kickesia, Mai om Signature Inventor (5) at Rochester: MN Signature on /2/17/ci .2001. Inventor

ASSIGNMENT

Whereas, we

(1) Gary Thomas Axberg of 1709 Ivoty Avenue N., Lake Elmo, County of Washington and State of Minacsota. and (2) Allen Robert Heiman of 40 Sandy Point Court NI:, Rochester, County of Olmsted and State of Minacsota, and (3) Gregory John Knight Of 2724 91st Crescent N, Brooklyn Park, County of Hennepin and State of Minnesota, and (4) David Lynn Merbach of 3426 - 91h Ave N.W., Rochester, County of Olmsted and State of Minnesota, and (5) William Roy Yorker of 11255 11h Avenue N.E., Rochester,

County of Olmsted and State of Minnesota, have invented certain improvements in

STORAGE AREA NETWORK METHODS AND APPARATUS WITH EVENT NOTIFICATION CONFLICT RESOLUTION

and execute	d, respectively, a United Stat	es patent application therefor on	
(1)	, 2001, (2) , 2001	, 2001, (3) 12-15-, 2001, (4)	_, 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor,

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigned, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns: and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and scaled

(1) at		Signature
on, 2001,	Gary Thomas Axberg	Inventor
(2) at		Signature
on 12-15 - ,2001.	Allen Robert Heitman	Inventor
(3) at ++ the per Barrier	Gregar John Mught	Signature
(3) at 1100 pm Barrier on 12-15 - 2001 (91)	Gregory John Knight	Inventor
(4) at		Signature
on, 2001,	David Lynn Merbach	Inventor
(5) at		Signature
on, 2001,	William Roy Yonker	Inventor